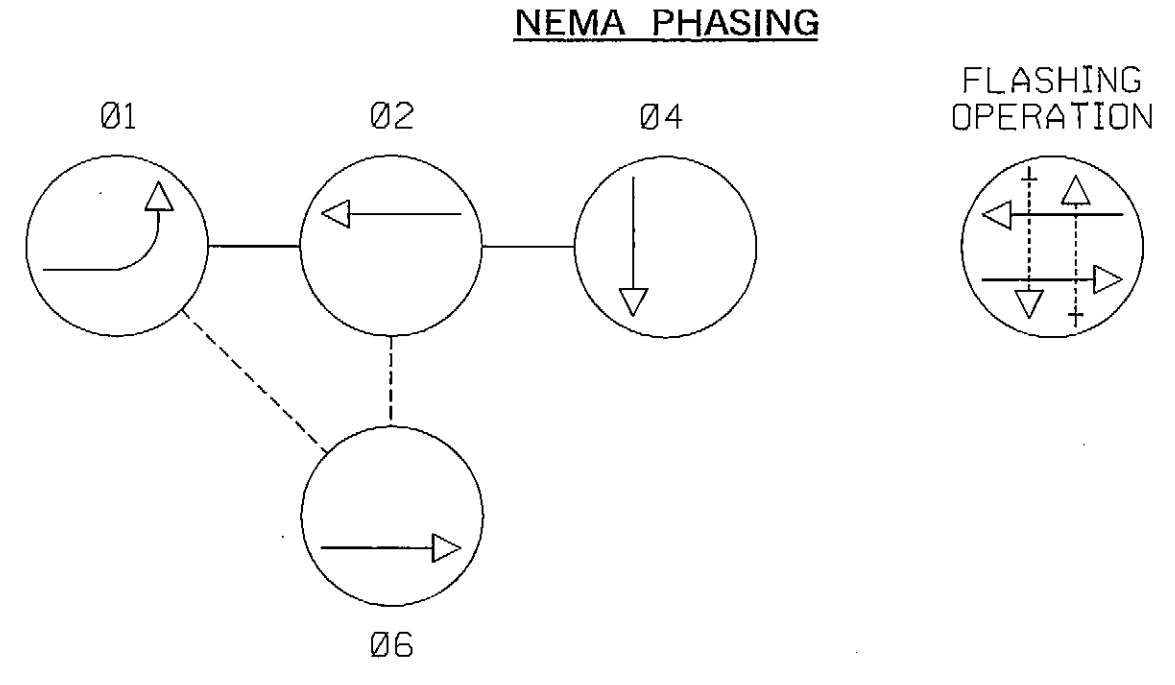
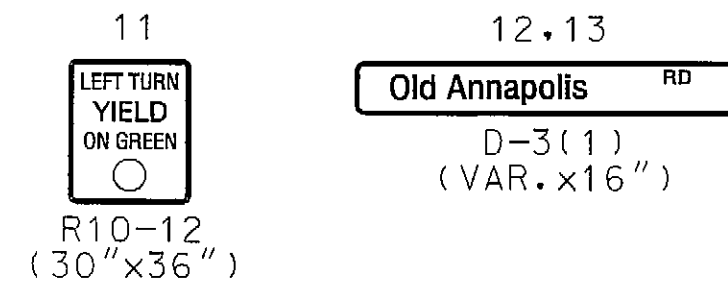
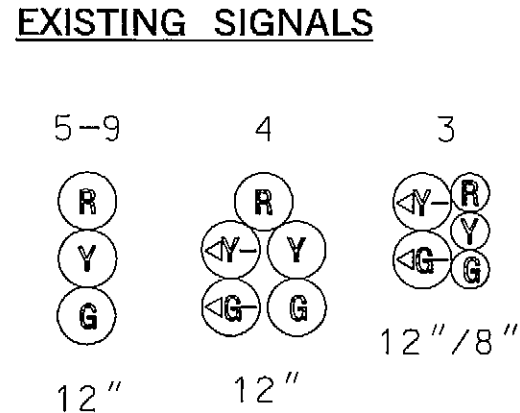
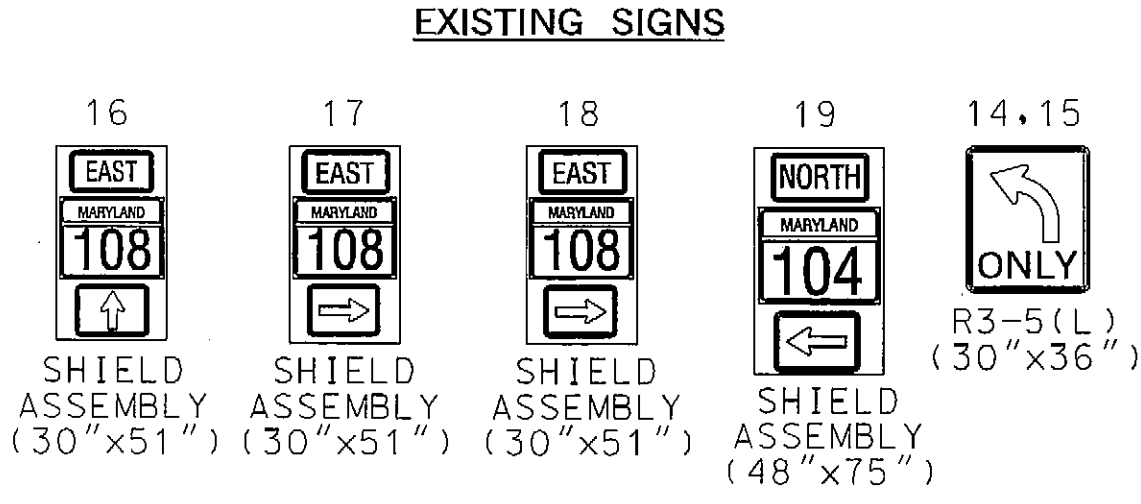


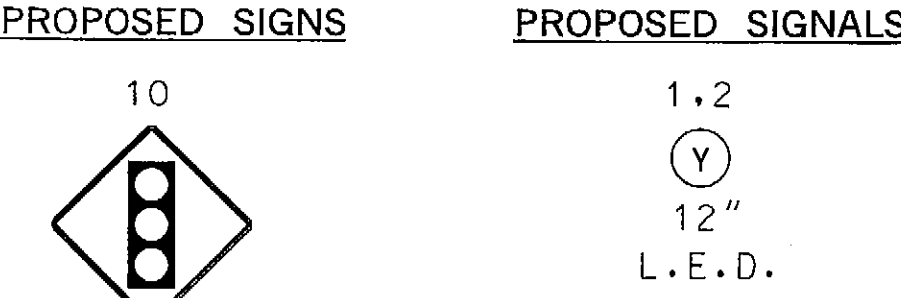
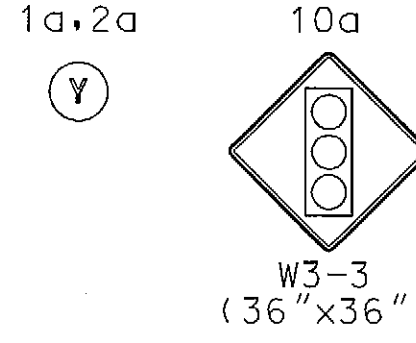
MD 108 is considered to run in an East/West direction.



NOTE:
PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.



EXISTING SIGNAL EQUIPMENT TO BE REMOVED



Barrington Ct

MD 108 (Waterloo Rd)

MD 104 (Waterloo Rd)

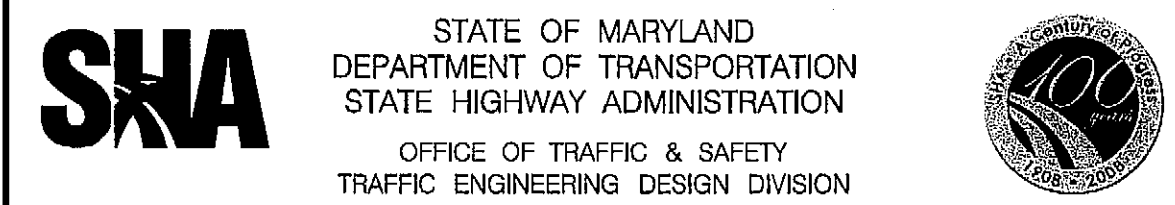
Entrance To Ellicott Gardens

CONSTRUCTION DETAILS

- A. INSTALL 27 FT. STEEL POLE WITH A 50 FT. MAST ARM, SIGNAL HEADS, SIGN AND POLE MOUNTED CABINET. (NOTE: ONE 2 IN. AND ONE 3 IN. PVC SCHEDULE 80 CONDUIT BEND).
- B. INSTALL METERED SERVICE PEDESTAL FOR UNDERGROUND ELECTRIC SERVICE.
- C. INSTALL 2 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
- D. INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - BORED.
- E. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
- F. INSTALL HANDHOLE.
- G. REMOVE EXISTING STEEL POLE WITH MAST ARM AND CABINET.
- H. OVERHEAD ELECTRICAL SERVICE TO BE REMOVED BY BGE.

GENERAL NOTES

1. THE CONTRACTOR SHALL VERIFY ALL PROPOSED POLE AND CABINET LOCATIONS PRIOR TO INSTALLATION.
2. PAVEMENT MARKINGS DETAILED ARE PROPOSED AND ARE TO BE INSTALLED BY THE CONTRACTOR IN ACCORDANCE WITH MD-SHA STANDARDS. ALL OTHER PAVEMENT MARKINGS ARE TO BE CONSIDERED AS EXISTING.
3. GEOMETRICS SHALL BE CONFIRMED PRIOR TO THE INSTALLATION OF SIGNAL EQUIPMENT. ALL TRAFFIC SIGNAL FOUNDATIONS SHALL BE INSTALLED AT FINAL SIDEWALK OR CURB GRADE FOR CLOSED SECTIONS. HIGHEST ROADWAY PROFILE GRADE FOR OPEN SECTIONS. TO MEET CLEARANCES AS SPECIFIED IN MD 816.03, MD 818.01, MD 818.02, MD 818.04. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.
4. ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC AND ARE NOT TO BE CONSIDERED COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING ALL UTILITY COMPANIES PRIOR TO CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN THE UTILITIES AND THE TRAFFIC SIGNAL EQUIPMENT WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE APPROPRIATE PROJECT ENGINEER IMMEDIATELY.



MD 108 AT MD 104

TRAFFIC SIGNAL PLAN

SCALE 1" = 20' DATE OCTOBER 1996 CONTRACT NO. HO 661-502-770

DESIGNED BY J. GORDON COUNTY HOWARD

DRAWN BY J. GORDON LOGMILE 13010812.35

CHECKED BY D. ZAFIRIS TMS NO. J 658

F.A.P. NO. N/A TOD NO. N/A

TS NO. 1589E DRAWING - OF SHEET NO. 1 OF 2

APPROVALS

TEAM LEADER

ASST. DIR. CHIEF

DIVISION CHIEF

OFFICE DIRECTOR

REVISIONS

REPLACE ADVANCE HIB DUE TO NEW DEVELOPMENT SHA NO. DIVISION 661-502-770

ASBUILT HO 661-701-770

RECONSTRUCT SIGNAL SHA PROJECT NO. HO 661-701-770

THESE PLANS ARE APPROVED FOR CONSTRUCTION FOR A PERIOD OF 1 YEAR FROM THE DATE OF APPROVAL. SHOULD CONSTRUCTION NOT BEGIN WITHIN THIS TIME FRAME THESE PLANS SHALL BE NULL AND VOID WITHOUT A REVIEW FROM THE TRAFFIC ENGINEERING DESIGN DIVISION.

The Traffic Group, Inc.
Suite H
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Baltimore, Maryland 21236
410-931-6600
1-800-583-8411
Fax 410-931-6601
"Merging Innovation and Excellence"

GEOMETRIC LEGEND	
---	EXISTING
---	PROPOSED
UTILITY LEGEND	
SD	STORM DRAIN
G	GAS MAIN
W	WATER MAIN
S	SEWER MAIN
E	ELECTRIC CABLES
A	AERIAL CABLES
T	TELEPHONE CABLES
F	FIBER-OPTIC

PLOTTED BY: bkillian

PLOTTED: Wednesday, February 11, 2009 AT 02:18 PM
FILE: F:\2007\2007-02\29\DES\Signal.dgn